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# Type Specimens of Mammals in the National Museum of Natural Sciences, Ottawa

Phillip M. Youngman

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Natural Sciences, Ottawa**

Phillip M. Youngman

## **Biographical Note**

Phillip M. Youngman received his M.A. in Zoology at the University of Kansas. He has worked as a marine biologist in the West Indies and as a mammalogist with the U.S. Army in Korea. He has taught at the University of Tampa, Florida and at St. Patrick's College, Ottawa. Mr. Youngman is a leading researcher into the systematics and distribution of mammals in the western Arctic. Among the numerous scientific papers which he has contributed to various journals are studies on the ecology of Korean rodents, the systematics of pocket gophers, the systematics and distribution of arctic mammals, the systematics of insular populations of voles, and the serology of Arctic Ground Squirrels.

A member of several scientific societies, Mr. Youngman was Associate Editor (Mammalogy) of the *Canadian Field Naturalist* from 1961-1970. He has been Curator of Mammals at the National Museum of Natural Sciences since 1960.

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## **Summary**

The collection of Recent mammals at the National Museum of Natural Sciences, Ottawa, includes holotypes of five insectivores, four lagomorphs, 35 rodents, 10 carnivores, two pinnipeds, and two artiodactyls, as well as three neotypes of the latter order.

## **Résumé**

La collection de mammifères du quaternaire que possède le Musée national des Sciences naturelles, à Ottawa, groupe les holotypes de cinq insectivores, quatre lagomorphes, 35 rongeurs, 10 carnassiers, deux pinnipèdes et deux artiodactyles ainsi que trois néotypes de ce dernier ordre.

## Preface

The *International Code of Zoological Nomenclature*\* and the International Council of Museums (*A Preliminary List of Catalogues of Type Specimens in Zoology and Palaeontology* by A. W. F. Banfield†) have recommended that institutions possessing type specimens publish lists of this material.

The format of the present list is similar to that used in *Herpetological Type-Specimens in the University of Illinois Museum of Natural History* by H. M. Smith et al.‡

The list does not attempt to record the current status of the names based upon these types because of the subjectivity and possible ephemerality of current publications.

The sequence of data recorded here for each type specimen is as follows: (1) name (original), (2) author(s), (3) publication in which the description appears, (4) nature of the specimen (holotype, neotype), (5) catalogue number (Nat. Mus. Canada), (6) locality (sometimes abridged), (7) date the specimen was collected, (8) collector(s), (9) list of paratypes where appropriate.

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\*Int. Trust for Zool. Nomen. (recommendation 72 D), London, 1964

†Bucharest, State Committee of Culture and Art, 1968

‡*Ill. Biol. Monog.* 32, Urbana, Univ. of Illinois Press, 1964

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## Type Specimens of Mammals

### Insectivora

*Sorex belli* Merriam

Proc. Biol. Soc. Washington 7:25, 1892

Holotype 46

Shamattawa River, Kenora District,  
Ontario

1885, P. M. Mathews

1938, C. J. Guiguet

Paratypes 15822 - 15831, 15833,  
15834

*Ochotona princeps septentrionalis*

Cowan and Racey

Canadian Field Nat. 60:102, 1947

Holotype 34513

Itcha Mountains, Chilcotin, British  
Columbia

1931, K. Racey

*Sorex obscurus soperi* Anderson and  
Rand

Canadian Field Nat. 59(2):47, 1945

Holotype 18249

2½ mi. NW Lake Audy, Riding Moun-  
tain National Park, Manitoba

1910, J. D. Soper

*Lepus arcticus andersoni* Nelson

Proc. Biol. Soc. Washington 47:85,  
1934

Holotype 2858

Cape Barrow, Coronation Gulf, N.W.T.

1915, R. M. Anderson

Paratype 2860

*Sorex palustris brooksi* Anderson

Canadian Field Nat. 48(8):134, 1934

Holotype 12370

Black Creek, Comox District, east coast  
Vancouver Island, British Columbia

1934, A. Brooks

*Lepus arcticus banksicola* Manning and  
Macpherson

Arctic Inst. North America, Tech. Paper  
2:8, 1958

Holotype 20973

Banks Island, Northwest Territories

1952, T. H. Manning

Paratypes 20971, 20974 - 20977

*Blarina brevicauda manitobensis*

Anderson

Nat. Mus. Can. Bull. 102:23, 1947

Holotype 8549

Max Lake, Turtle Mountains, Manitoba

1929, J. D. Soper

Paratypes 1767, 1774

**Rodentia**

*Blarina brevicauda angusta* Anderson

Ann. Rept. Provancher Soc. Nat. Hist.

Canada, 1942, p. 52, 1943

Holotype 11655

Kellys Camp, Berry Mountain Brook,  
near head Grand Cascapedia River,  
Gaspé County, Quebec

1932, R. E. Balch

*Tamias striatus quebecensis* Cameron

J. Mamm. 31(3):347, 1950

Holotype 18987

St Felicien, Lake St. John County,  
Quebec

1946, P. A. Orkin

Paratypes 18988, 18989

### Lagomorpha

*Ochotona princeps littoralis* Cowan

Murrelet 35:22, 1955

Holotype 15825

Hagensborg, British Columbia

*Eutamias minimus hudsonius* Anderson  
and Rand

Canadian Field Nat. 57(7,8):133, 1944

Holotype 14786

Bird, Hudson Bay Railway, Mi. 349,  
Manitoba

1936, R. W. Smith

Paratypes 14789, 14796

<i>Eutamias minimus selkirki</i> Cowan Proc. Biol. Soc. Washington 59:113, 1946 Holotype 34512 Paradise Mine near Toby Creek, 19 mi. W Invermere, British Columbia 1945, I. McTaggart Cowan	<i>Glaucomys sabrinus goodwini</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 55, 1943 Holotype 4959 Berry Mountain Camp, junction Berry Mountain Brook and Grand Cascapedia River, Matane County, Quebec 1923, R. M. Anderson
<i>Marmota monax johnsoni</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1942, p. 53, 1943 Holotype 2473 Percé, Gaspé County, Quebec 1915, C. E. Johnson Paratypes 2472, 2487	<i>Glaucomys sabrinus gouldi</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 56, 1943 Holotype 13873 Frizzleton, Inverness County, Cape Bret- on Island, Nova Scotia 1935, V. E. Gould Paratypes 13866, 13879
<i>Marmota caligata raceyi</i> Anderson Nat. Mus. Can. Bull. 70:112, 1932 Holotype 11430 Itcha Mountains, Chilcotin Plateau, Coast District, British Columbia 1931, K. Racey Paratype 11431	<i>Perognathus laingi</i> Anderson Nat. Mus. Can. Bull. 70:10, 1932 Holotype 9200 Anarchist Mountain near Osoyoos- Bridesville summit, about 8 mi. E Osoyoos Lake, British Columbia 1928, H. M. Laing Paratypes 9201, 9204, 9213, 9218, 9222
<i>Tamiasciurus hudsonicus laurentianus</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1941, p. 31, 1942 Holotype 9322 Lac Marchant, near Moise Bay, Sague- nay County, Quebec 1928, C. G. Harrold Paratype 9323	<i>Peromyscus maniculatus interdictis</i> Anderson Nat. Mus. Can. Bull. 70:110, 1932 Holotype 11432 Forbidden Plateau, 17 mi. W Comox, Vancouver Island, British Columbia 1932, H. M. Laing Paratypes 11433, 11434
<i>Tamiasciurus hudsonicus ungavensis</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1941, p. 33, 1942 Holotype 11278 Lake Waswanipi, Abitibi District, Quebec 1931, F. McLeod Paratypes 11009, 11010, 11275 - 11277, 11282	<i>Peromyscus sitkensis isolatus</i> Cowan Univ. Calif. Publ. Zool. 40:434, 1935 Holotype 34514 Pine Island, Queen Charlotte Islands, British Columbia 1930, K. E. Racey

<i>Evotomys dawsoni</i> Merriam Amer. Nat. 22:650, 1888 Holotype 92 Finlayson River, Yukon Territory 1887, G. M. Dawson	<i>Phenacomys intermedius laingi</i> Anderson Canadian Field Nat. 56(4):59, 1942 Holotype 16528 Kimsquit River, Cornice Creek near head Dean Inlet, British Columbia 1939, H. M. Laing
<i>Clethrionomys rutilus platycephalus</i> Manning Nat. Mus. Can. Bull. 144:50, 1957 Holotype 20860 8 mi. S Tuktoyaktuk, District of Mackenzie, Northwest Territories 1952, T. H. Manning Paratypes 20815 – 20915	<i>Phenacomys ungava soperi</i> Anderson Canadian Field Nat. 56(4):58, 1942 Holotype 17131 Near Swanson Creek, middle Sect. 34, Township 19, Range 17, Riding Mountain National Park, Wasagaming on Clear Lake, Manitoba 1941, J. Soper
<i>Clethrionomys gapperi gaspeanus</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942 p. 57, 1943 Holotype 4953 Berry Mountain Camp near junction Berry Mountain Brook and Grand Cascapedia River, Matane County, Quebec 1923, R. M. Anderson Paratypes 4961 – 4963, 4979, 4980, 4984	<i>Microtus andersoni</i> Rand Nat. Mus. Can. Bull. 99:42, 1945 Holotype 18107 "Plains of Abraham" near headwaters Little Keele River, 82 mi. W Mackenzie River, Canol Road, Northwest Territories 1944, W. H. Bryenton Paratypes 18110 – 18112
<i>Clethrionomys gapperi hudsonius</i> Anderson Rapport Annuel 1939, Société Provancher d'histoire naturelle du Canada, p. 73, 1940 Holotype 3557 Kapuskasing, on Kapuskasing River about 64 mi. W Cochrane, Ontario 1940, C. E. Johnson Paratypes 3538, 3541, 3544 – 3546, 3548, 3550 – 3553, 3556, 3560, 3571	<i>Microtus pennsylvanicus arcticus</i> Cowan J. Mamm. 32:353, 1951 Holotype 34515 Kidluit Bay, Richards Island, District of Mackenzie, Northwest Territories 1947, I. McTaggart Cowan
<i>Phenacomys intermedius</i> Merriam N. Amer. Fauna 26:32, 1889 Holotype 118 20 mi. NNW Kamloops, British Columbia 1888, G. M. Dawson	<i>Microtus pennsylvanicus copelandi</i> Youngman J. Mamm. 48(4):581, 1967 Holotype 5777 Near North Head, Grand Manan Island, New Brunswick 1925, C. H. Young Paratypes 5773 – 5776, 5781, 5782, 5784, 5787 – 5789, 5791, 5794, 5796 – 5801

<i>Microtus pennsylvanicus magdalenensis</i>	<i>Synaptomys borealis smithi</i> Anderson and Rand
Youngman	
J. Mamm. 48(4): 579, 1967	Canadian Field Nat. 57:101, 1943
Holotype 27603	Holotype 14815
Grindstone Island, Magdalen Islands, Quebec	Thicket Portage, Mi. 165, Hudson Bay Railway, Manitoba
1959, A. W. Cameron	1943, R. W. Smith
Paratypes 27596 - 27600, 27604, 27605, 27607 - 27624, 27626 - 27637, 27640, 27641, 27643 - 27645	Paratype 14819
<i>Microtus townsendi laingi</i> Anderson and Rand	<i>Dicrostonyx groenlandicus kilangmiutak</i> Anderson and Rand
Canadian Field Nat. 57:73, 1943	J. Mamm. 26(3):305, 1945
Holotype 13423	Holotype 3993
Port Hardy, Vancouver Island (North end), British Columbia	De Haven Point, Victoria Island, District of Franklin, Northwest Territories
1935, H. M. Laing	1918, J. F. Bernard
Paratypes 3989, 3994, 3995, 25387, 25405 - 25410, 25414 - 25416, 25446	
<i>Microtus cantator</i> Anderson	<i>Dicrostonyx groenlandicus latus</i> Handley
Nat. Mus. Can. Bull. 102:161, 1947	J. Washington Acad. Sci. 43:198, 1953
Holotype 17236	Holotype 11404
Near Teepee Lake, N slope St. Elias Range, Yukon Territory	Lake Harbour, Baffin Island, District of Franklin, Northwest Territories
1943, C. H. D. Clarke	1931, J. E. Soper
Paratype 17327	
<i>Lemmus trimucronatus phainocephalus</i>	<i>Dicrostonyx torquatus nunatakensis</i>
Manning and Macpherson	Youngman
Arctic Inst. North America, Tech. Paper 2, p. 27, 1958	Proc. Biol. Soc. Washington 80:31, 1967
Holotype 20705	Holotype 29503
Mahogany Point, Castel Bay, north coast Banks Island, Northwest Territories	20 mi. S Chapman Lake, Yukon Territory
1953, T. H. Manning	1961, P. M. Youngman
Paratypes 20693 - 20704, 20706 - 20710, 20714	Paratypes 29499 - 29502, 29504, 29505, 33426, 33427, 31337
<i>Synaptomys borealis artemisiae</i> Anderson	<i>Zapus hudsonius ontarioensis</i> Anderson
Nat. Mus. Can. Bull. 70:104, 1932	Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 59, 1943
Holotype 7952	Holotype 12843
Stevenson Creek, SW of Princeton, east slope Cascade Range, British Columbia	Pancake Bay, Algoma District, Ontario
1927, H. M. Laing	1935, H. P. Stovall
Paratypes 7953, 7960, 7961	

Carnivora

	<b>Carnivora</b>
Paratypes 12839, 12870, 12873, 12890, 12910 - 12915, 12918, 12922, 12945, 12951, 12952, 12970 - 12972, 12981, 12982, 12989, 12999, 13000 - 13004, 13014 - 13016, 13032 - 13035, 13045, 13046, 13054, 13056, 13061, 13068 - 13072, 13080, 13081, 13091, 13092, 13099 - 13101, 13105, 13109, 13119, 13120, 13134, 13164, 13180, 13183, 13215, 13216, 13236, 13244, 13245 - 13247, 13254, 13282, 13289, 13297, 13298, 13301, 13307	<i>Canis lupus bernardi</i> Anderson J. Mamm. 24(3):389, 1943 Holotype 2796 Cape Kellett, Banks Island, District of Franklin, Northwest Territories 1916, P. Bernard Paratypes 2793 - 2795, 3504 - 3507
<i>Zapus princeps kootenayensis</i> Anderson Nat. Mus. Can. Bull. 70:108, 1932 Holotype 10020 Near summit Green Mountain, head Murphy Creek, 10 mi. N Rossland, West Kootenay District, British Columbia 1929, R. M. Anderson Paratypes 10006 - 10010, 10021 - 10023, 10139	<i>Canis lupus mackenzii</i> Anderson J. Mamm. 24(3):388, 1943 Holotype 2792 Imnanuit W of Kater Point, Bathurst Inlet, District of Mackenzie, Northwest Territories 1916, R. M. Anderson
<i>Napeozapus insignis gaspensis</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist., Canada 1941, p. 39, 1942 Holotype 4786 Berry Mountain Brook, a tributary of Grand Cascapedia River, Gaspé County, Quebec 1922, R. M. Anderson	<i>Canis lupus manningi</i> Anderson J. Mamm. 24(3):392, 1943 Holotype 17236 Hantzsch River, Baffin Island, District of Franklin, Northwest Territories 1938, T. H. Manning
<i>Napeozapus insignis saguenayensis</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1941, p. 40, 1942 Holotype 9318 Trout Lake, near Moise Bay, Saguenay County, Quebec 1928, C. G. Harrold Paratypes 9312, 9313, 9315	<i>Ursus americanus hamiltoni</i> Cameron J. Mamm. 37(4):538, 1957 Holotype 19818 Big Falls Humber River, Newfoundland 1949, A. W. Cameron Paratype 22009
	<i>Euarctos hunteri</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 22, 1945 Holotype 9577 Near mouth Prairie Creek, South Nahanni River, District of Mackenzie, Northwest Territories 1928, F. Hunter
	<i>Euarctos randi</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 19, 1945 Holotype 17957 Sheldon Mountain, Yukon Territory 1944, A. L. Rand Paratypes 17959, 17970, 18038

<i>Ursus internationalis</i> Merriam Proc. Biol. Soc. Washington 27:177, 1914 Holotype 1763 Alaska-Yukon boundary, about 50 mi. S Arctic Coast 1912, F. Lambart	<i>Phoca hispida soperi</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 27, 1943 Holotype 6016 Near mouth Takuirbing River, Nettiling Lake, Baffin Island, District of Franklin, Northwest Territories 1925, J. D. Soper Paratypes 6023, 6025 - 6027
<i>Mustela erminea fallenda</i> Hall J. Mamm. 26(1):79, 1945 Holotype 7096 Huntingdon, British Columbia 1927, C. H. Young Paratypes 7106, 7110, 7151, 7174, 7284, 7292, 7293, 7515, 7516, 7529, 7534, 7541, 7561	<b>Artiodactyla</b> <i>Rangifer montanus</i> Thompson-Seton Ottawa Nat. 13(5):129, 1899 Holotype 232 Illecillewaet watershed, near Revel- stoke, British Columbia 1889, G. M. Dawson
<i>Mustela vison lowii</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 57, 1945 Holotype 11558 Mistassini Post, Mistassini Lake, Mistas- sini District, Quebec 1932, W. Jeffreys Paratypes 11250, 11251, 11253 - 11255, 11554 - 11557, 11559, 11560, 11561, 11563	<i>Rangifer tarandus arcticus</i> Richardson Fauna Boreali-Americanica 1:241, 1829 Neotype designation by Banfield, Nat. Mus. Can. Bull. 185:61, 1963 Neotype 22066 Aurora Lake, District of Mackenzie, Northwest Territories 1952, J. P. Kelsall
<i>Lutra canadensis chimo</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 59, 1945 Holotype 11059 Fort Chimo, Ungava District, Quebec 1930, J. Blackwell Paratypes 11080 - 11083, 12558	<i>Cervus tarandus caribou</i> Gmelin 1788 Linn., Syst. Nat. 13 ed. 1:177, 1788 Neotype designation by Banfield, Nat. Mus. Can. Bull. 185:61, 1963 Neotype 4800 Mont Albert, Shickshock Mountains, Gaspé West County, Quebec 1922, R. M. Anderson
<b>Pinnipedia</b> <i>Phoca hispida beaufortiana</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942 p. 25, 1943 Holotype 2807 Cockburn Point, Dolphin and Union Strait, District of Mackenzie, NWT 1914, F. Johansen	<i>Cervus tarandus groenlandicus</i> Linn. Syst. Nat. 12 ed. 1:98, 1767 Neotype designation by Banfield, Nat. Mus. Can. Bull. 185:61, 1963 Neotype 8831 Nugsuak Peninsula west coast, Greenland

Artiodactyla

*Bison bison athabascae* Rhoads  
Proc. Acad. Nat. Sci. Philadelphia  
49:498, 1898  
Holotype 299  
Within 50 miles of Fort Resolution, Dis-  
trict of Mackenzie, Northwest Territories  
1892 (?), W. Pike





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